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Dated: March 20, 2007

Signature: \_\_\_\_\_

(Cheryl Price)

Patent  
Docket No. 529742000100

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re Patent Application of:  
Morris STEFFIN

Serial No.: 10/692,834

Filing Date: October 23, 2003

For: METHOD AND APPARATUS FOR  
DETECTION OF DROWSINESS AND  
QUANTITATIVE CONTROL  
OF BIOLOGICAL PROCESSES

Examiner:

Group Art Unit: 2621

**SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicant submits for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of the non-patent literature documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☒ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
- ☒ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

03/26/2007 CCHAU1 00000012 031952 10692834

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Applicant would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

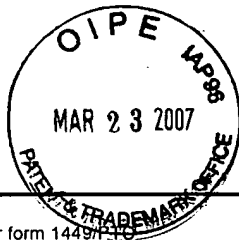
The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicant petitions for any required relief including extensions of time and authorize the Director to charge the cost of such petition and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 529742000100.

Dated: March 20, 2007

Respectfully submitted,

By   
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ALTERNATIVE TO PTO/SB/08A/B (09/06)

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/692,834
				Filing Date	October 23, 2003
				First Named Inventor	Morris STEFFIN
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	529742000100

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US-5,786,765	07-28-1998	Kumakura et al.	
	2.	US-5,805,720	09-08-1998	Suenaga et al.	
	3.	US-5,859,686	01-12-1999	Aboutalib et al.	
	4.	US-5,859,921	01-12-1999	Suzuki et al.	
	5.	US-6,082,858	07-04-2000	Grace et al.	
	6.	US-6,163,281	12-19-2000	Torch	
	7.	US-6,243,015	06-05-2001	Yeo et al.	
	8.	US-6,542,081-A1	04-01-2003	Torch	
	9.	US-6,661,345	12-09-2003	Bevan et al.	
	10.	US-6,974,414-A1	12-13-2005	Victor et al.	
	11.	US-7,043,056-A1	05-09-2006	Edwards et al.	
	12.	US-7,183,932-A1	02-27-2007	Bauer	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	13.	STEFFIN, M., Video Preprocessing of Patient Environmental Data for Use in Virtual Reality Assisted Physical Therapy Systems, Cyberpsychology & Behavior, 1998, 177-185, Vol. 1 - Issue 2.	
	14.	STEFFIN, M., Quantitative Video Analysis of Complex Epileptic Seizures During Videotelemetry: Increasing the Reliability of EEG Correlation and Behavioral Autocorrelation, Cyberpsychology & Behavior, 1999, 25-33, Vol. 2 - Issue 1.	
	15.	STEFFIN, M., Virtual Reality to Evaluate Motor Response During Seizure Activity, <i>Lorenzo NY, Lutsep H. (eds), www.emedicine.com: Neurology, Computer Applications in Neurology, 1999, obtained from website where article was updated in 2006.</i>	

Examiner Signature		Date Considered	
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la- 909197

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/692,834
				Filing Date	October 23, 2003
				First Named Inventor	Morris STEFFIN
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	529742000100

	16.	STEFFIN, M., Visual-Haptic Interfaces: Modification of Motor and Cognitive Performance, <i>Lorenzo NY, Lutsep H. (eds), www.emedicine.com: Neurology, Computer Applications in Neurology</i> , 1999, obtained from website where article was updated in 2007.	
	17.	STEFFIN, M., Bridging the Gap Between "Real Reality" and Virtual Reality: Intelligent Human-Machine Therapeutic Interaction in Patient Videospace, <i>Cyberpsychology &amp; Behavior</i> , 2000, 447-463, Vol. 3 - Issue 3.	
	18.	STEFFIN, M. and WAHL, K., Occam's Approach to Video Critical Behavior Detection: A Practical Real Time Video In-Vehicle Alertness Monitor, Presented: Proceedings Medicine Meets Virtual Reality 12, <i>JD Westwood, et al. (eds)</i> , January, 2004, 370-375, Presented at Medicine Meets Virtual Reality 12, Newport, California.	
	19.	STEFFIN, M., Avionics-Compatible Video Facial Cognizer for Detection of Pilot Incapacitation, Presented: Proceedings Medicine Meets Virtual Reality 14, <i>JD Westwood, et al. (eds)</i> , 2006, 529-531, IOS Press, Amsterdam (shortened version).	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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